

I claim:

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1.

An animated figure, comprising:

a body frame;

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an elongated appendage, having first and second segments and a first joint operatively pivotably coupling said first and second segments to one another; said first segment being operatively pivotably coupled to said body frame;

a motor operatively coupled to said body frame;

an axle operatively rotatably coupled to said body frame and said motor so that said

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axle may be selectively rotated with respect to said body frame by actuation of said motor;

a cam coupled to said axle so that said cam rotates with said axle;

a control rod having first and second end portions; said first end portion of said control

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rod being operatively pivotably coupled to said cam by a pin member; said second end portion of said control rod being operatively pivotably coupled to said appendage adjacent said first joint;

said pin member being at least partially received and slidably movable within a channel

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formed in the first segment of said appendage so that said appendage pivots with respect to said body frame and bends at said first joint when said cam is rotated.

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2.

1 The animated figure of claim 1 wherein said appendage is further provided with a
third segment which is operatively pivotably coupled to said second segment at a
second joint; said appendage being further provided with a second control rod having
5 first and second end portions; said first end portion of said second control rod being
operatively pivotably coupled to said appendage adjacent said first joint; said second
end portion of said second control rod being operatively coupled with said appendage
adjacent said second joint.

3.

10 The animated figure of claim 2 further comprising a second appendage having
first and second segments and a first joint operatively pivotably coupling said first and
second segments to one another; said first segment of said second appendage being
operatively pivotably coupled to said body frame.

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 The animated figure of claim 3 further comprising a second cam operatively
coupled to said axle so that said second cam rotates with said axle; said second cam
being further operatively coupled to said second appendage.

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 The animated figure of claim 4 further comprising a third control rod having first
and second end portions; said first end portion of said third control rod being operatively
and pivotably coupled to said second cam by a second pin member; said second end

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portion of said third control rod being operatively coupled with said second appendage
1 adjacent said first joint.

6.

The animated figure of claim 5 wherein said second pin member is at least
5 partially received and slidable within a channel formed in the first segment of said
second appendage so that, when said second cam is rotated, said second pin travels
along a length of said channel and pivots the first end portion of said second
appendage with respect to said body frame.

7.

The animated figure of claim 6 wherein said second appendage is further
provided with a third segment which is operatively pivotably coupled to said second
segment at said a second joint; said second appendage being further provided with a
fourth control rod having first and second end portions; said first end portion of said
15 fourth control rod being operatively pivotably coupled to said second appendage
adjacent said first joint; said second end portion of said fourth control rod being
operatively coupled with said second appendage adjacent said second joint.

8.

The animated figure of claim 1 further comprising a neck member operatively
20 pivotably coupled to said body frame and a head member operatively pivotably coupled
to said neck member.

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1 The animated figure of claim 8 further comprising a neck cam coupled to said axle so that said neck cam rotates with said axle.

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5 The animated figure of claim 9 further comprising an elongated neck rod having first and second end portions; said first end portion of said neck rod being operatively coupled to said head member; said second end portion of said neck rod being operatively pivotably coupled with said body frame; said neck member being operatively engaged with said neck cam so that, as said neck cam rotates, said neck member and
10 said head member pivot with respect to said body frame.

11.

15 The animated figure of claim 1 further comprising a pair of leg members having upper and lower portions; said upper portions being operatively pivotably coupled to said body frame.

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20 The animated figure of claim 11 further comprising a leg axle operatively rotatably coupled to said body frame and said motor so that said leg axle may be selectively rotated upon actuation of said motor.

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25 The animated figure of claim 12 further comprising a pair of leg cams coupled to said leg axle so that said pair of leg cams rotate with said leg axle; said leg cams each

being operatively engaged with one of said pair of leg members so that said pair of leg
1 members pivot with respect to said body frame when said pair of leg cams rotate.

14.

The animated figure of claim 13 wherein said pair of leg members are each
5 provided with at least a first joint which operatively and pivotably couples said upper
and lower portions of said leg members to one another.

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The animated figure of claim 14 wherein said pair of leg members are each
provided with an upper control rod having first and second end portions; said first end
10 portions of said upper control rods being operatively coupled to said leg cams; said
second end portions of said control rods being operatively coupled with said pair of leg
members so that when said leg cams rotate said first joint in both of said leg members
pivot.

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The animated figure of claim 15 wherein said pair of leg members are each
provided with a third segment which is operatively pivotably coupled to said second
segment at a second joint; each of said leg members being further provided with a
lower control rod having first and second end portions; said first end portions of said
20 lower control rods being operatively coupled to said leg members adjacent said first
joints; said second end portions of said lower control rods being operatively coupled to
said leg members so that when said joint cams rotate, said second joints in both of said
leg members pivot.

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17.

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An animated figure, comprising:

a body frame;

an elongated appendage having upper and lower portions pivotably coupled to one
5 another at a joint; said upper portion being operatively pivotably coupled to said
body frame;

an axle operatively coupled to said body frame;

means for selectively rotating said axle with respect to said body frame;

means rotatable with said axle and operatively coupled to the upper portion of said
10 appendage for selectively and simultaneously pivoting the upper portion of said
appendage with respect to said body frame and bending the joint in said
appendage.

18.

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The animated figure of claim 17 further comprising a plurality of appendages
operatively pivotably coupled to said body frame.

19.

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The animated figure of claim 18 wherein said means for pivoting the upper
portion of said body frame is further operative for selectively pivoting each of said
plurality of appendages with respect to said body frame.

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20.

1 The animated figure of claim 19 wherein each of said plurality of appendages is
jointed, and said means for pivoting said appendages is further operative for bending
said plurality of appendages at said joints.

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